

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
 Data File : VL039881.D
 Acq On : 11 Nov 2022 2:25
 Operator : SY/AP
 Sample : N5584-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/11/2022
 Supervised By : Mahesh Dadoda 11/11/2022

Quant Time: Nov 11 05:05:16 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.198	49	933853	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.652	114	2465601	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2128340	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1651051 10.364 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.600%

Target Compounds

					Qvalue
13) Ethanol	3.285	45	2247m	0.548	ppbv
15) Acetone	3.501	43	40223m	0.354	ppbv
20) Methylene Chloride	3.944	84	31670	0.779	ppbv # 83
26) Hexane	5.221	57	36619	0.351	ppbv # 38
52) Tetrachloroethene	10.610	164	602340	7.730	ppbv 90
53) Toluene	9.217	91	24252m	0.102	ppbv
59) m/p-Xylene	12.346	91	28332m	0.118	ppbv
74) 1,2,4-Trimethylbenzene	16.105	105	29460	0.122	ppbv # 68

(#) = qualifier out of range (m) = manual integration (+) = signals summed

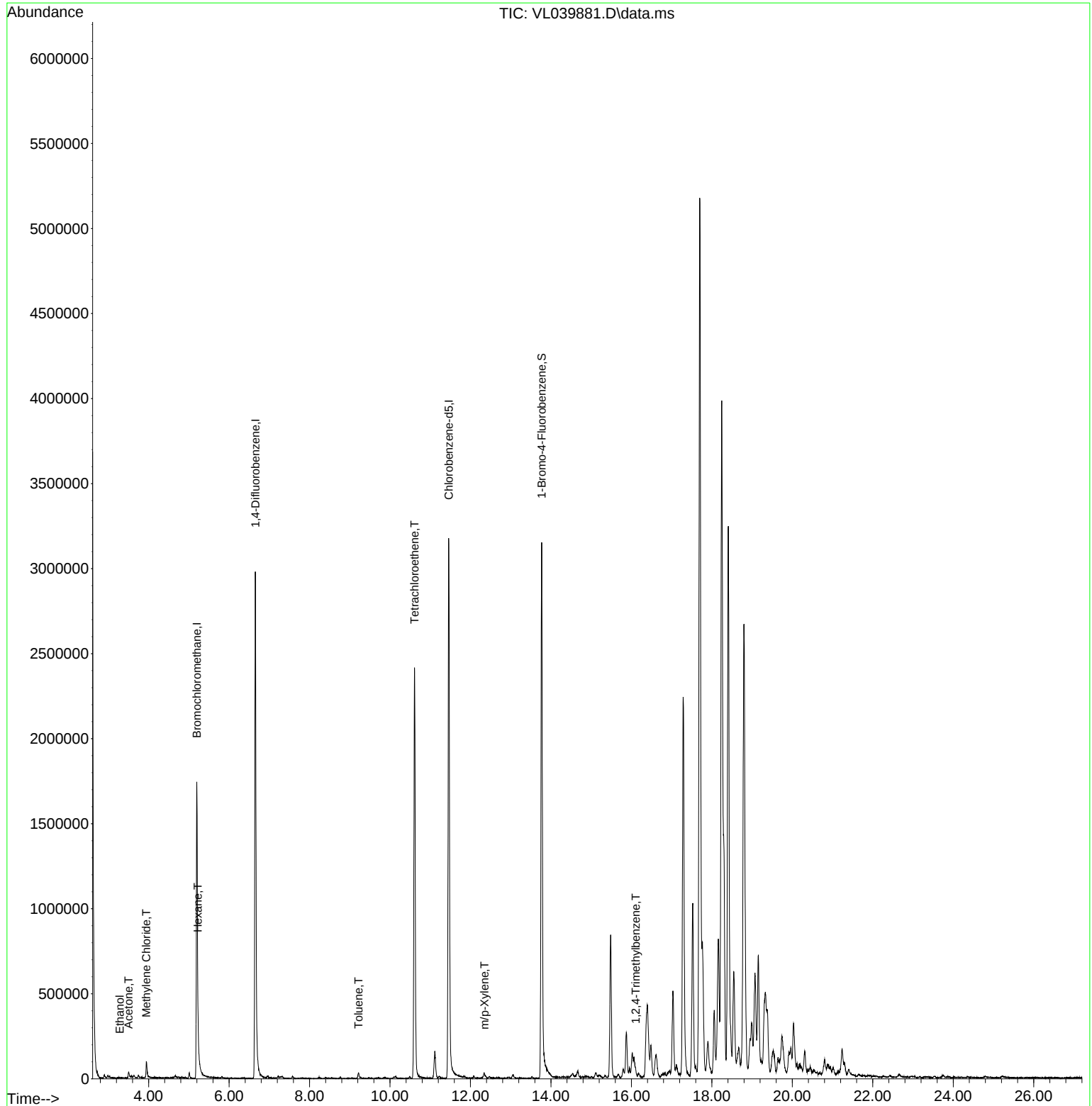
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
Data File : VL039881.D
Acq On : 11 Nov 2022 2:25
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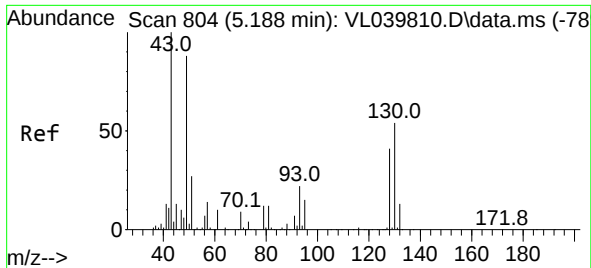
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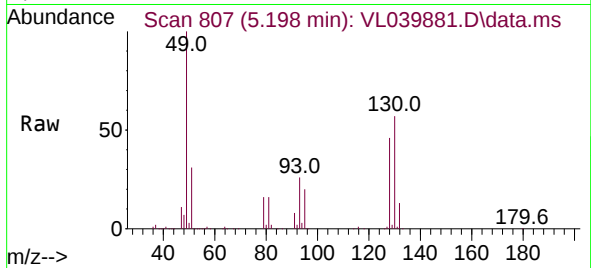
Quant Time: Nov 11 05:05:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 804
Delta R.T. 0.010 min
Lab File: VL039881.D
Acq: 11 Nov 2022 2:25

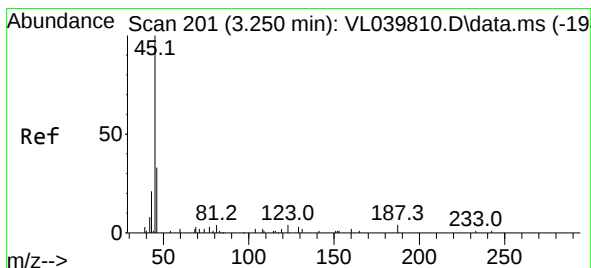
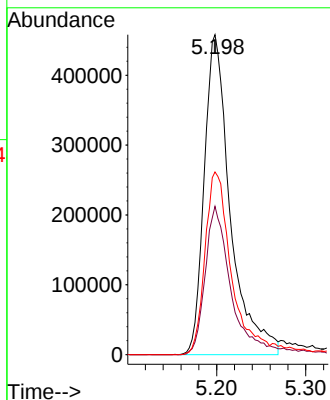
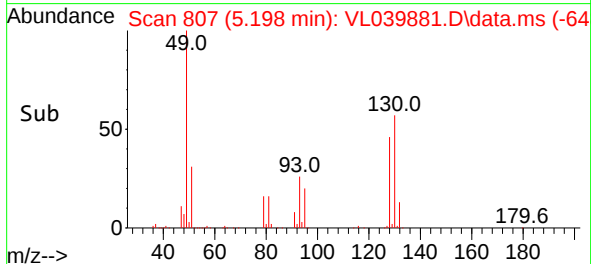
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 49 Resp: 93385
Ion Ratio Lower Upper
49 100
128 47.5 24.6 73.6
130 61.7 31.1 93.2

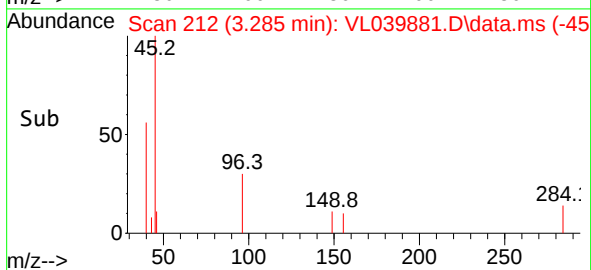
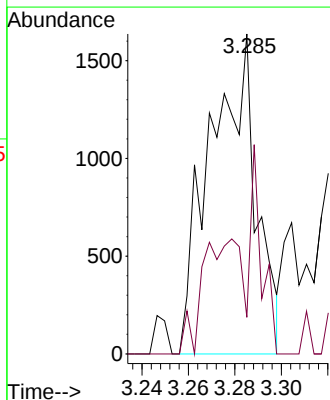
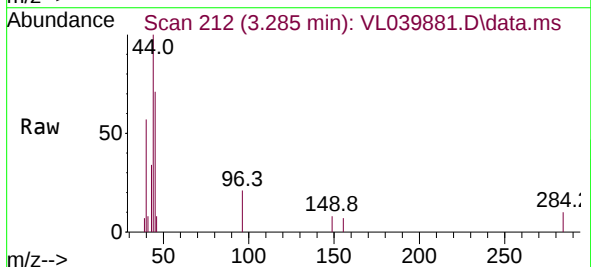
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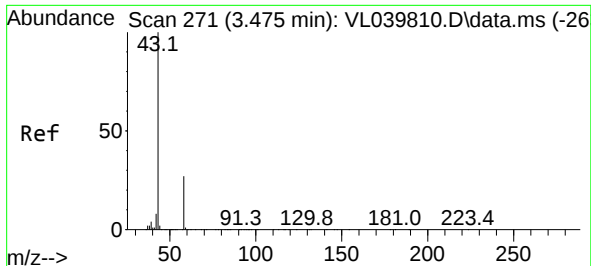
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#13
Ethanol
Concen: 0.548 ppbv m
RT: 3.285 min Scan# 212
Delta R.T. 0.035 min
Lab File: VL039881.D
Acq: 11 Nov 2022 2:25

Tgt Ion: 45 Resp: 2247
Ion Ratio Lower Upper
45 100
46 0.0 16.5 65.9#





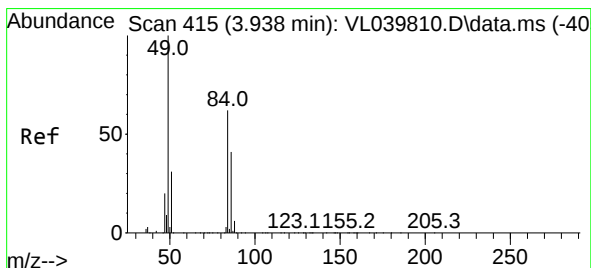
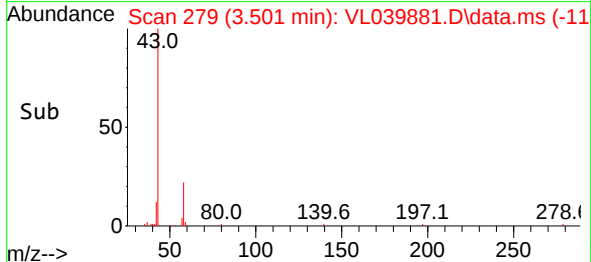
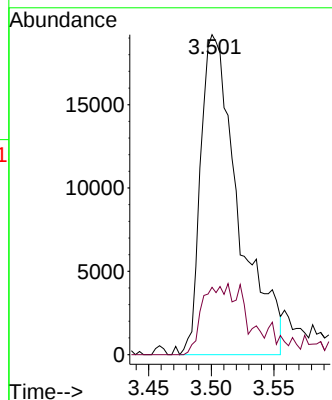
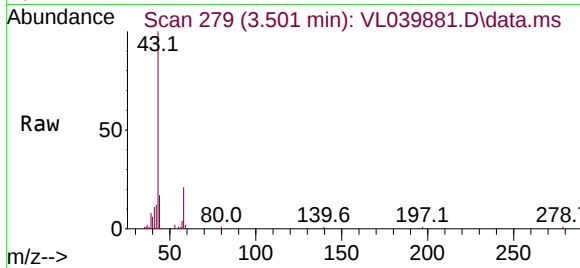
#15
Acetone
Concen: 0.354 ppbv m
RT: 3.501 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL039881.D
Acq: 11 Nov 2022 2:25

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 43 Resp: 40223
Ion Ratio Lower Upper
43 100
58 32.9 23.2 34.8

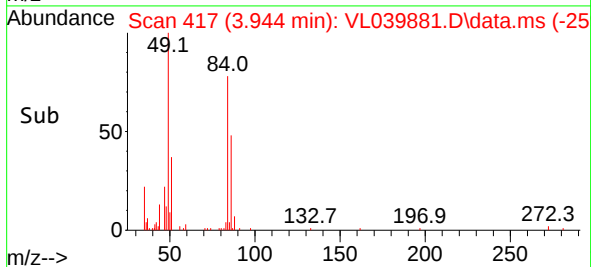
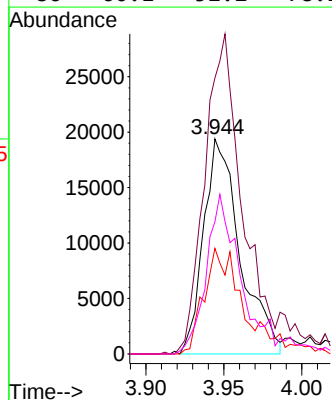
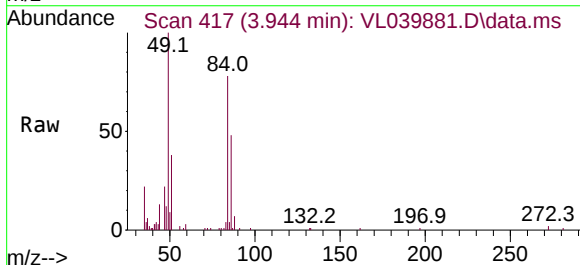
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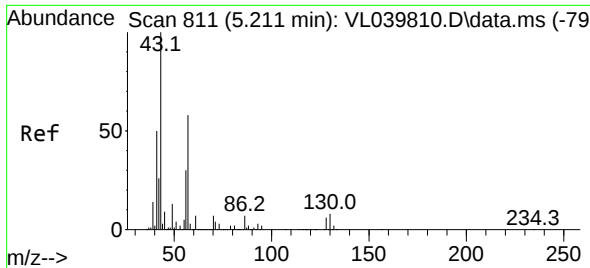
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#20
Methylene Chloride
Concen: 0.779 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.007 min
Lab File: VL039881.D
Acq: 11 Nov 2022 2:25

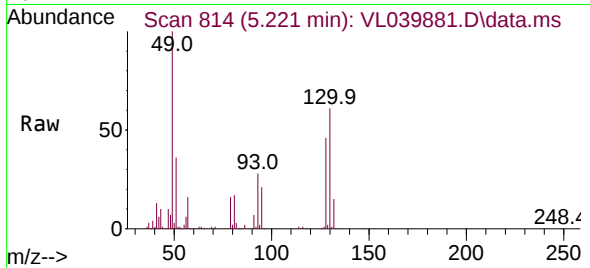
Tgt Ion: 84 Resp: 31670
Ion Ratio Lower Upper
84 100
49 125.3 128.6 192.8#
51 49.1 40.2 60.4
86 60.1 52.2 78.2





#26
Hexane
Concen: 0.351 ppbv
RT: 5.221 min Scan# 811
Delta R.T. 0.010 min
Lab File: VL039881.D
Acq: 11 Nov 2022 2:25

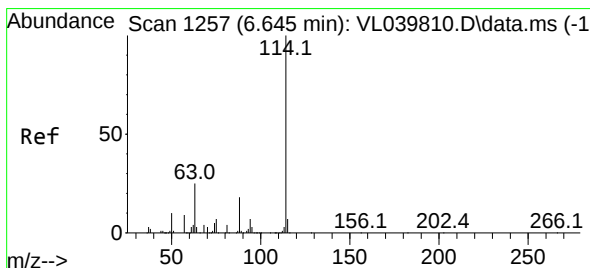
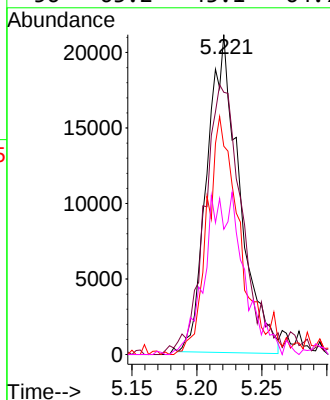
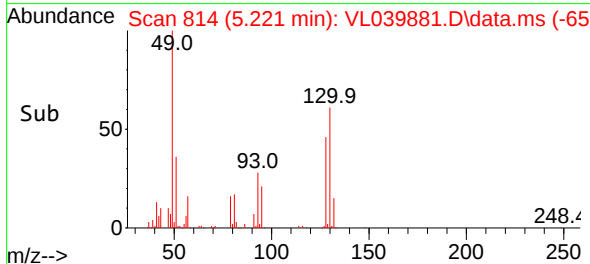
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 57 Resp: 36619
Ion Ratio Lower Upper
57 100
41 101.1 73.7 110.5
43 80.7 189.8 284.8
56 63.2 43.1 64.7

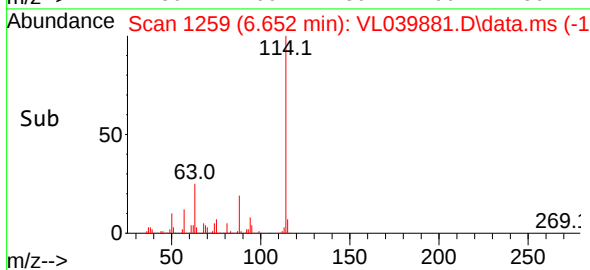
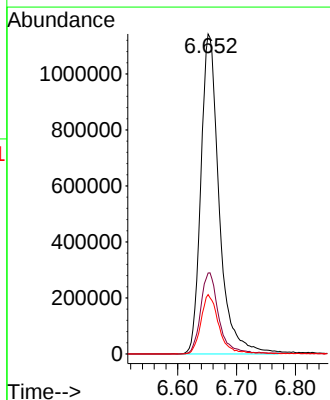
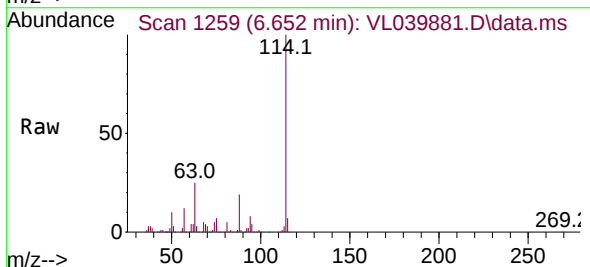
Manual Integrations
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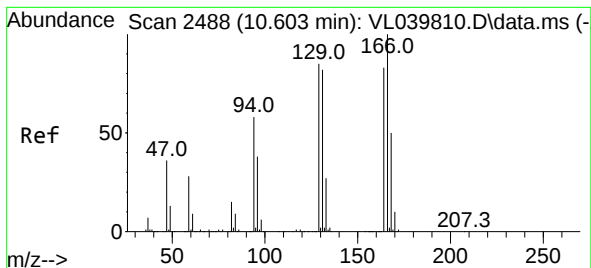
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. 0.007 min
Lab File: VL039881.D
Acq: 11 Nov 2022 2:25

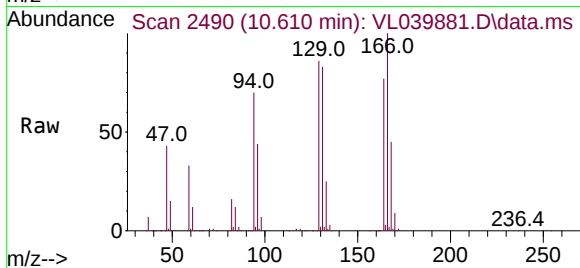
Tgt Ion:114 Resp: 2465601
Ion Ratio Lower Upper
114 100
63 25.7 19.8 29.6
88 18.3 14.4 21.6





#52
Tetrachloroethene
Concen: 7.730 ppbv
RT: 10.610 min Scan# 2488
Delta R.T. 0.007 min
Lab File: VL039881.D
Acq: 11 Nov 2022 2:25

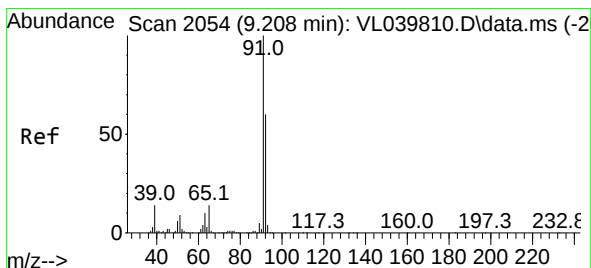
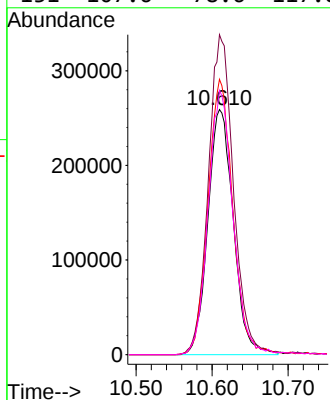
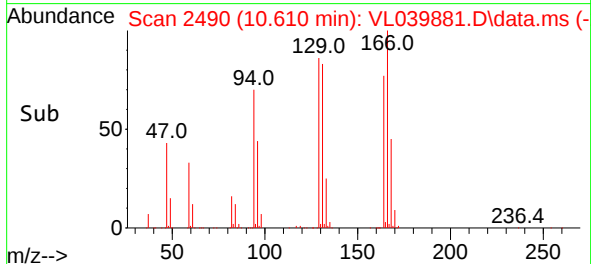
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



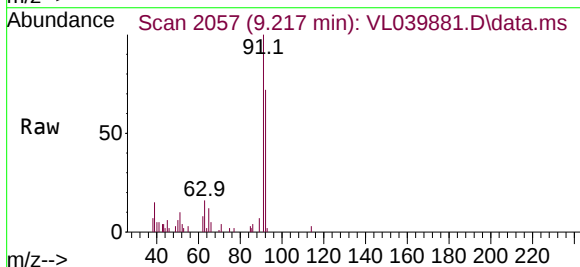
Tgt Ion:164 Resp: 602340
Ion Ratio Lower Upper
164 100
166 130.6 96.0 144.0
129 112.2 81.4 122.2
131 107.6 78.6 117.8

Manual Integrations
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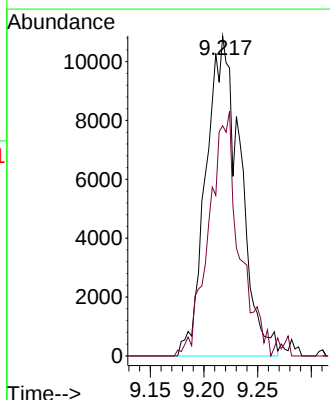
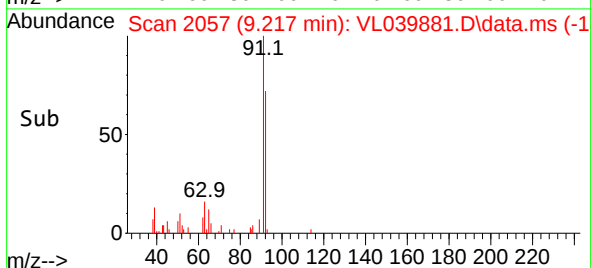
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

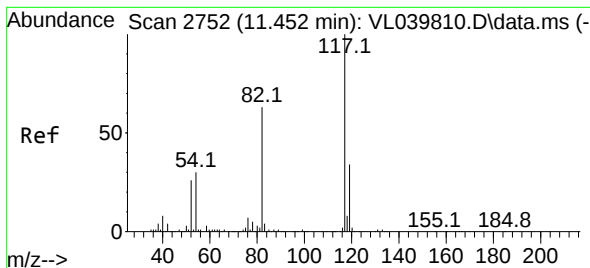


#53
Toluene
Concen: 0.102 ppbv m
RT: 9.217 min Scan# 2057
Delta R.T. 0.010 min
Lab File: VL039881.D
Acq: 11 Nov 2022 2:25



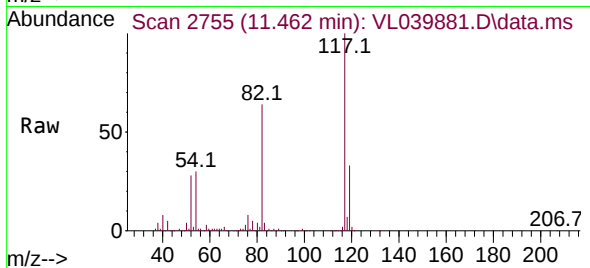
Tgt Ion: 91 Resp: 24252
Ion Ratio Lower Upper
91 100
92 0.0 49.6 74.4#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039881.D
Acq: 11 Nov 2022 2:25

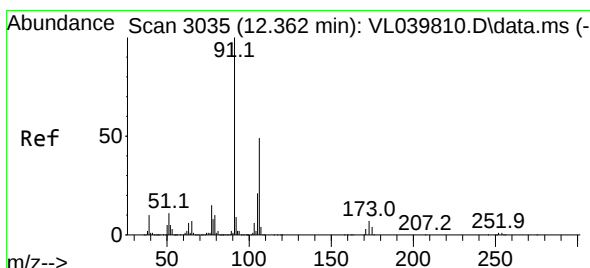
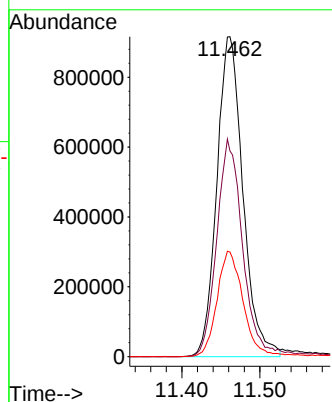
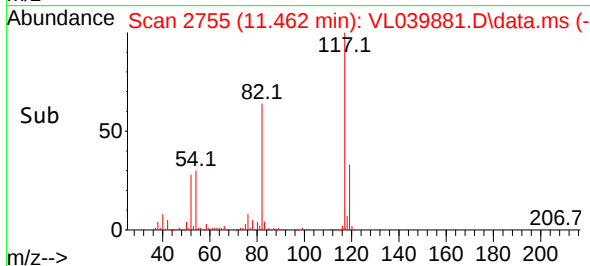
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 117 Resp: 2128340
Ion Ratio Lower Upper
117 100
82 68.8 51.0 76.6
119 33.2 24.7 37.1

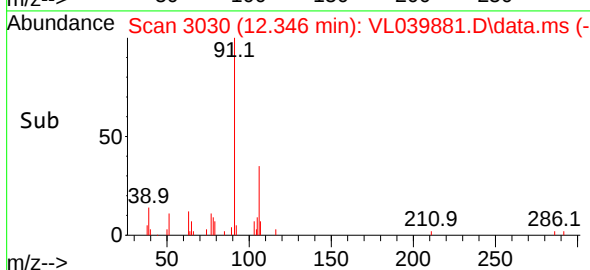
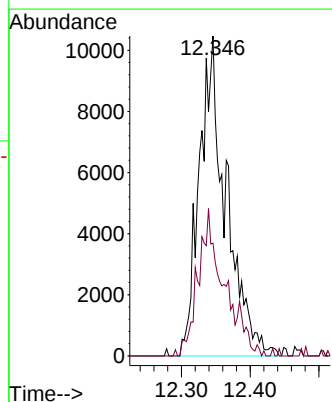
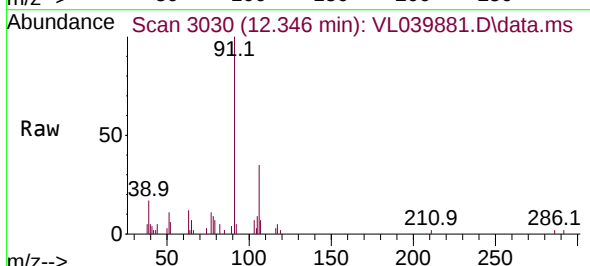
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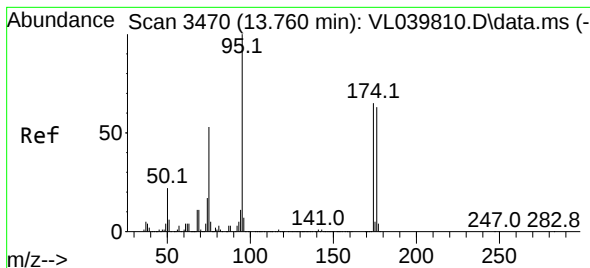
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#59
m/p-Xylene
Concen: 0.118 ppbv m
RT: 12.346 min Scan# 3030
Delta R.T. -0.016 min
Lab File: VL039881.D
Acq: 11 Nov 2022 2:25

Tgt Ion: 91 Resp: 28332
Ion Ratio Lower Upper
91 100
106 0.0 37.6 56.4#





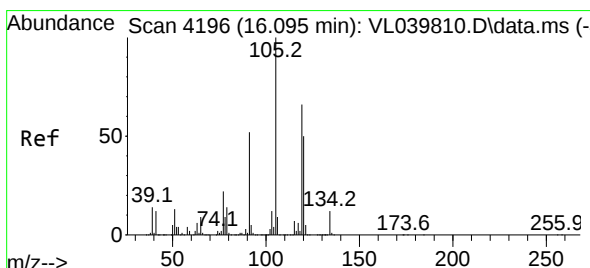
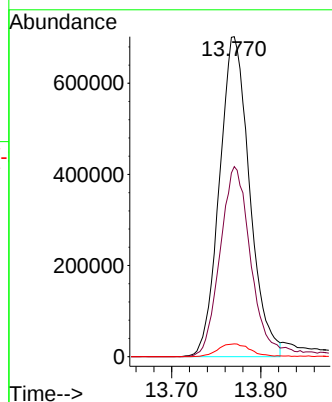
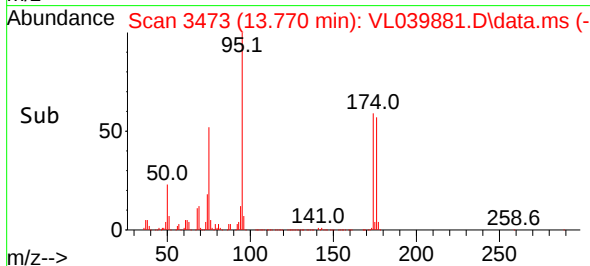
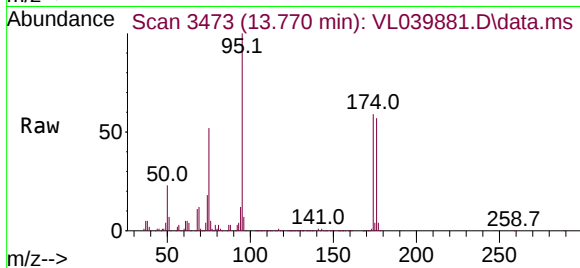
#68
1-Bromo-4-Fluorobenzene
Concen: 10.364 ppbv
RT: 13.770 min Scan# 3470
Delta R.T. 0.010 min
Lab File: VL039881.D
Acq: 11 Nov 2022 2:25

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 95 Resp: 165105
Ion Ratio Lower Upper
95 100
174 63.1 53.4 80.0
175 4.4 4.1 6.1

Manual Integrations
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Supervised By :Mahesh Dadoda 11/11/2022



#74
1,2,4-Trimethylbenzene
Concen: 0.122 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. 0.010 min
Lab File: VL039881.D
Acq: 11 Nov 2022 2:25

Tgt Ion:105 Resp: 29460
Ion Ratio Lower Upper
105 100
120 46.0 40.2 60.4
91 9.6 42.6 64.0#
77 14.1 17.8 26.8#

